

UK Patent Application (12) GB 2 396 993 A

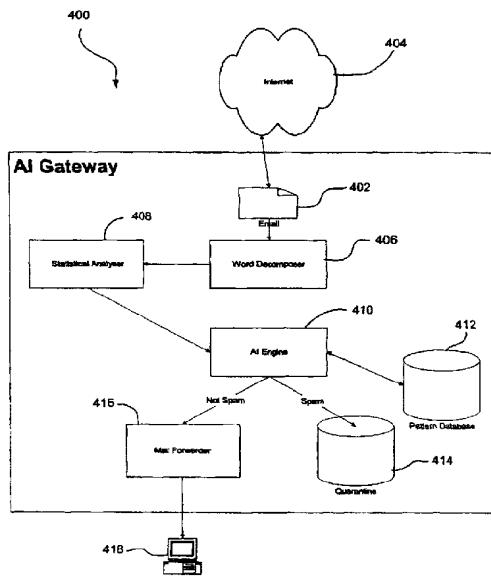
(19) Date of Printing by UK Office 07.07.2004

(21) Application No:	0403311.4	(51) INT CL ⁷ : G06F 15/16 17/60 , H04L 12/58
(22) Date of Filing:	25.07.2002	(52) UK CL (Edition W): H4K KFMPEX KTN
(30) Priority Data: (31) 09916930 (32) 26.07.2001 (33) US		(56) Documents Cited by ISA: US 6092101 A US 6047277 A US 6023723 A US 5805911 A
(86) International Application Data: PCT/US2002/023811 En 25.07.2002		(58) Field of Search by ISA: INT CL ⁷ G06F, H04L Other:
(87) International Publication Data: WO2003/010680 En 06.02.2003		
(71) Applicant(s): Networks Associates Technology Inc (Incorporated in USA - Delaware) 3965 Freedom Circle, Santa Clara, CA 95054, United States of America		
(72) Inventor(s): Anton C Rothwell Luke D Jagger William E Dennis		

(continued on next page)

(54) Abstract Title: **Intelligent spam detection system using an updateable neural analysis engine**

(57) A system, method, and computer program product are provided for detecting an unwanted message. First, an electronic mail message (402) is received. Text in the electronic mail message is decomposed (406). Statistics associated with the text are gathered using a statistical analyzer (408). A neural network engine (410) coupled to the statistical analyzer is taught to recognize unwanted messages based on statistical indicators. The statistical indicators are analyzed utilizing the neural network engine for determining whether the electronic mail message is an unwanted message.



GB 2396993 A continuation

(74) Agent and/or Address for Service:
Urquhart-Dykes & Lord LLP
St Nicholas Chambers, Amen Corner,
NEWCASTLE-UPON-TYNE, NE1 1PE,
United Kingdom